

ARCHITECTURAL SPECIFICATIONS



HILDRETH VARNISH CO. INC.
90 WEST ST. NY. FACTORY BROOKLYN NY.

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HILDRETH VARNISH CO., Inc.

Manufacturers of HIGH GRADE PAINT *and* VARNISHES

Office: 90 WEST STREET, NEW YORK

Plant: BROOKLYN, N. Y.

P R O D U C T S

Hildrolite Flat Oil Paint

Hildreth's Mill White


Hildrock White Enamel

Hildreth's Industro Cement Coatings

Hildreth's Steel Preservative

Hildrock Floor—Hildrock Spar—Hildrock Interior

FOREWORD

RCHITECTS who seek to assure lasting satisfaction in the structures erected for their clients will find this booklet of decided value. In it we offer carefully prepared specifications covering a group of six Hildreth-Made Architectural Products.

Each product listed represents the best in working qualities, beauty, durability and economy that care, skill and long manufacturing experience can produce.

While not the lowest priced products on the market, they will prove cheapest in the end because of their high quality and dependable uniformity.

The Hildreth reputation, based on over forty years' success in the making of high grade paint and varnish, backs up every product listed in this book, assuring absolute satisfaction under all conditions.

HILDRETH VARNISH COMPANY, Inc.

Hildrolite

(Flat Oil Paint)

Is a flat, washable oil paint that will dry flat, free from brush marks, with a softness and richness of tone unknown in other wall finishes. Very dense opaque body, hence dries with its true color. Being water-proof, can be thoroughly washed and kept fresh and clean, insuring proper sanitary conditions.

Made in White and Sixteen other shades. —SEE COLOR CARD on page 11.

For all purposes, walls, wood and metal work. For the interior of buildings, such as Office and Municipal Buildings, Railway Stations, Court Houses, Public Halls, Apartment Houses, Hospitals, Hotels, Theaters, etc. In fact, the field for Hildrolite is unlimited.

SPECIFICATION for use on smooth, hard finished plaster.

Surfaces vary, and it therefore is impossible to give exact figures, however, the average finishing coat should cover between four to five hundred square feet.

Apply either with a flat wall brush or a sprayer.

HILDROLITE should be *flowed on*, never *brush it in*.

Inspect all plastered surfaces for cracks, etc., and have same filled and smoothed off.

Be sure plaster is dry before any application.

FIRST COAT OR PRIMING COAT: Thin HILDROLITE with about a quart or three pints of turpentine to the gallon and apply to wall.

SECOND COAT: Apply HILDROLITE as taken from the can. Should it appear a little heavy, you can add a very little turpentine. This will dry flat.

THIRD COAT: Use HILDROLITE as it comes from the can.

Sufficient time should be allowed between coats to dry (at least twenty-four hours). Do not apply any coat until undercoat has thoroughly dried. Consider atmospheric conditions.

A surface which has been primed, etc., for two coat work, use HILDROLITE as it is received. For old surfaces, same must be dry and cleaned of loose particles—Previous applications of white-wash or similar coatings removed, and surface left clean before application of HILDROLITE.

Hildreth's Mill White

Exactly meets all the requirements of the ideal finish for mills and factories.

It is made from a special, intensely white, highly pulverized pigment, and a special highly refined oil or "Vehicle". "Vehicle" and Pigment are combined by a special process, so that at every point it is a special product, and not in any sense a commercial white paint.

A very important feature is this: Varnish is commonly used in mill white paint, especially for enamel finishes. This explains why many mill whites turn yellow so soon after application. Varnish also causes the Mill White to gum in the spraying machine, and not flow out smoothly when either brushed or sprayed on the surface. Therefore, no varnish is used in our mill white formula.

Our special process of manufacture, combining specially-treated raw materials, insures maximum flowing, levelling, and covering properties with either method of application.

No Mill White will remain white longer, or resist dirt better, or withstand more washing or cleaning, or the vibration of heavy machinery.

COVERING CAPACITY: On a properly primed new surface, or on an old painted surface, one gallon should average 400 square feet, or more for each coat. On extremely rough surfaces like brick or concrete, the covering capacity is necessarily less.

DIRECTIONS FOR USE: Apply either with a flat wall brush or a sprayer. HILDRETH'S MILL WHITE is all ready for use, and should require no thinning. See that it is thoroughly stirred with a wooden paddle. If, however, it becomes necessary to reduce HILDRETH'S MILL WHITE, use turpentine or a high grade turpentine substitute.

FOR PRIMING NEW WOODWORK: A surface which has previously been white-washed or painted with any water paint, should be scraped clean of all loose scale with a wire brush. It should then be primed with HILDRETH'S MILL WHITE UNDERCOATING.

FIRST COAT: Reduce Undercoating with a small portion of turpentine and a very small percentage of Linseed Oil.

SECOND COAT: Use HILDRETH'S MILL WHITE as received.

THIRD COAT: Use HILDRETH'S MILL WHITE GLOSS, Semi-Gloss (Egg Shell).

On two coat work, the first coat of HILDRETH'S MILL WHITE UNDERCOATING should be used exactly as received.

Last coat to be *flowed on*, not *brushed in*.

Hildreth's Industro Cement Coating

Is made to meet conditions where Hildrolite or Mill White would not be practical, particularly for rough cement, stucco, brick walls, etc.

When applied to a cement surface, will dry out hard and white, leaving a surface without gloss, that will not crack, scale or mildew.

It will not ignite when dry, therefore is a fire retardent. It is not absorbent, and will not change color if its surface is wet. It is not affected by steam or water originating from condensation.

These are points that will readily be recognized as especially advantageous and of value.

It is a finishing coat, and we do not recommend it for damp-proofing, or where there is a water-pressure to overcome, although the usual washing will not penetrate the paint, and while it will not hold water back, such condition will not harm the paint. It is supplied all ready for use, no thinning necessary. Apply with a flat wall brush, or high pressure sprayer. Allow at least twenty-four hours between coats. Consider atmospheric conditions.

ORDINARY BRICK WALLS: One coat of Hildreth's Industro Cement Coating to cover from 120 to not more than 140 square feet.

OLD OR WEATHER-BEATEN WALLS: Two coats may be necessary.

CEMENT CONSTRUCTION—ROUGH FINISH: One coat to cover from 110 to 150 square feet, according to finish of cement surface.

STUCCO FINISH: One coat of Hildreth's Industro Cement Coating to cover from 90 to 120 square feet.

PLASTER, ROUGH: One coat to cover not more than 120 square feet.

CEMENT, ROUGH FINISH: One coat of Hildreth's Industro Cement Coating to cover not more than 120 square feet.

NOTICE. When an extra fine job is wanted, we would advise the use of two coats each, Hildreth's Industro Cement Coating, and Hildreth's White Enamel (Exterior or Interior).

The Enamel can be supplied either in the full gloss or egg shell finish as desired.

For ordinary work, two coats of Hildreth's Cement Coating and finishing coat of Hildreth's Mill White (Interiors only).

Hildreth's Cement Coating is made in white and other shades. SEE COLOR CARD on page 11.

Hildreth's Steel Preservative

A pure carbon paint for painting and preventing corrosion of structural steel for buildings, bridges, etc. The idea that anything would do for painting steel is now exploded, and it is believed that the use of inferior covering may be disastrous.

Hildreth's Steel Preservative is offered as the most reliable steel preservative paint on the market today. It is made of pure carbon. Exhaustive tests, made by engineers of the great railway systems, having demonstrated conclusively that carbon is a more dependable preservative of corrosion than red lead.

Further: Careful tests made by structural engineers have shown that while the life of the average steel paint is from two to three years, cases can be shown where Hildreth's Steel Preservative has worn from three to five years as a field coat exposed to weather under varying climatic conditions.

Further tests have proved that Hildreth's Steel Preservative will stand a higher voltage of electricity than any other paint, hence is the best insulating paint and electrolysis preservative known—a fact that will be appreciated by engineers who find the electrolysis of steel one of the most baffling problems that they have to deal with.

Made in Black—covers about 400 to 500 square feet to the gallon.

Color finishing coats can be applied over Steel Preservative if desired.

These colors can be supplied in either Hildrolite (Flat Oil Paint)
or Hildreth's Industro Cement Coatings



No. 100 *White (Hildrolite)*

No. 200 *White Industro Cement Coating*

Order by number the shade required, or in the White and mix with colors ground in oil or japan of the required shade.

Hildrock White Enamel

The beautiful pure white tone and lustrous finish of Hildrock White Enamel makes it very desirable for use by the most critical and discriminating—Flows freely, producing a perfect surface entirely free from laps and brush marks—Dries with a hard porcelain-like finish that will withstand repeated washings, nor will it crack, crumble or chip off. Can be used on interior or exterior work. Can be rubbed or polished, or upon request, furnished in a soft tone egg shell finish.

It is primarily a quality enamel unequaled for fine work under the most exacting circumstances.

SPECIFICATIONS for enameling new plaster, wood or metal, except galvanized iron:

Apply three coats of Hildrolite, to be followed with two coats of Hildrock White Enamel. If desired the final coat can be rubbed. On all metal prime with Hildrolite reduced slightly with a mixture of one-half linseed oil and one-half turpentine. Then apply two coats of Hildrolite, full body, before applying the enamel.

Hildrock White Enamel can be supplied in egg shell finish if desired.

Hildrock Interior Finish

An exceedingly pale, brilliant varnish, specially adapted for finishing fine cabinet or interior woodwork where it is desired to bring out the full beauty of the grain. It preserves the natural color of the wood. Dries dust-proof in three hours, hard in 24 hours, with the highest possible lustre, and is absolutely unequaled as a rubbing and polishing varnish.

As its name implies, it will wear like a rock, and is the best varnish for public buildings, such as hotels, hospitals, schools and office buildings.

SPECIFICATIONS: On open grained wood, apply one coat of Hildreth's Paste Wood Filler. When dry follow with two or three coats of Hildrock Interior Finish. Between each coat sand with 00 sandpaper. Be sure that each coat is thoroughly dry before sanding. Final coat can be rubbed or polished if desired.

On close grained wood omit filler.

At least twenty-four hours should be allowed between coats. Atmospheric conditions must be considered in drying and application of succeeding coats.

Hildrock Spar

An ideal varnish for exterior woodwork or anything exposed to the weather or the action of water, such as boats, outside doors, bars, bathroom woodwork, etc. For such service it is unequaled, as it will hold its lustre and brilliancy indefinitely under conditions that would be fatal to ordinary exterior varnish. Dries dust-proof in 4 hours.

Hildrock Floor Finish

Has every quality desirable in a floor finish in a superlative degree. Pale and exceedingly tough and elastic, will not scratch white, turn white or spot with water and will stand more rough usage than any other floor varnish we know of. Can be rubbed down and dries dust-proof in four hours. Dries hard enough to walk on in 12 hours.

SPECIFICATIONS: Same as for Hildrock Interior Finish. See page thirteen.





